

1. A method for controlling the mixing of dough ingredients in a mixer,
comprising:

mixing dough ingredients with a mixer;

measuring an amount of power supplied to the mixer;

5 identifying a decline in the amount of power supplied to the mixer; and

ceasing mixing after a predetermined period of time after identification of the
decline in the amount of power supplied.

2. The method of claim 1, wherein the amount of power supplied to the
10 mixer is measured at specified time intervals.

3. The method of claim 1, further comprising storing data relating to the
amount of power supplied at the specified time intervals.

15 4. The method of claim 1, wherein the mixer comprises a mixing
apparatus and a motor.

5. The method of claim 1, further comprising sending data relating to the
amount of power supplied to a processor.

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6. The method of claim 5, further comprising storing the power data in the
processor.

7. The method of claim 6, wherein the processor compiles the data relating to the amount of power supplied.

8. The method of claim 5, wherein the decline in the amount of power supplied is identified using a control algorithm programmed in the processor.

9. The method of claim 6, wherein ceasing mixing after a predetermined period of time comprises activating a timer to count down for the predetermined period of time.

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10. The method of claim 9, wherein the timer is activated by a signal sent from the processor after the identification of the decline in the amount of power supplied.

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11. The method of claim 8, further comprising stopping the power supplied to the mixer after the predetermined period of time elapses.

12. The method of claim 11, wherein stopping the power comprises sending a signal to open a switch.

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13. The method of claim 1, further comprising sending the data relating to the amount of power supplied to a computer.

14. The method of claim 1, further comprising sending the data relating to the amount of power supplied to a computer network.

15. The method of claim 1, wherein continuing to mix for a predetermined
5 period of time comprises activating a timer to count down for the predetermined period of time.

16. The method of claim 15, wherein the timer is activated by a signal received from a processor.

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17. The method of claim 15, further comprising stopping the power supplied to the mixer after the predetermined period of time elapses.

18. The method of claim 17, wherein stopping the power comprises
15 sending a signal to open a switch.

19. A mixing system for dough ingredients, comprising:
a mixing device;
a motor coupled to the mixing device;
20 a power source coupled to the motor; and
a mixing-time controller.

20. The mixing system of claim 19, wherein the mixing device is selected from the group consisting of at least one dough hook, at least one agitator, at least one paddle and at least one spoon.

5 21. The mixing system of claim 19, further comprising a transmission coupled to the motor.

22. The mixing system of claim 21, further comprising a clutch coupled to the motor.

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23. The mixing system of claim 19, further comprising a clutch coupled to the motor.

24. The mixing system of claim 19, further comprising a mixing rod
15 coupled to the motor.

25. The mixing system of claim 19, wherein the mixing-time controller is connected in series between the power source and the motor.

20 26. The mixing system of claim 19, wherein the mixing-time controller comprises a processor, a power meter and a switch.

27. The mixing system of claim 26, wherein the power meter and the switch are connected in series between the power source and the motor.

28. The mixing system of claim 27, wherein the processor is connected to
5 the power meter.

29. The mixing system of claim 28, wherein the processor receives data from the power meter relating to an amount of power supplied to the mixer at specified time intervals.
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30. The mixing system of claim 29, wherein the processor comprises memory allowing the processor to store the data from the power meter.

31. The mixing system of claim 26, further comprising a timer.
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32. The mixing system of claim 31, wherein the processor is connected to the power meter and the timer.

33. The mixing system of claim 32, wherein the processor receives data
20 from the power meter relating to an amount of power supplied to the mixer at specified time intervals.

34. The mixing system of claim 33, wherein the processor comprises memory allowing the processor to store the data from the power meter.

35. The mixing system of claim 31, wherein the processor comprises at
5 least one data input port.

36. The mixing system of claim 35, wherein a first data input port receives data from the power meter relating to an amount of power supplied to the mixer at specified time intervals.
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37. The mixing system of claim 36, wherein a second data input port receives signals from a computer.

38. The mixing system of claim 36, wherein a second data input port
15 receives signals from a computer network.

39. The mixing system of claim 35, wherein the processor comprises at least one data output port.

20 40. The mixing system of claim 39, wherein a first data output port is coupled with the timer.

41. The mixing system of claim 40, wherein a second data output port is coupled with a computer.

42. The mixing system of claim 28, wherein the processor is coupled with a
5 computer.